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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

June 22, 2006

Mr. Roy J. Schepens, Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

RECEIVED  
JUL 11 2006

EDMC

Mr. William S. Elkins, Project Director  
Bechtel National, Inc.  
2435 Stevens Center, MSIN: H4-02  
Richland, Washington 99352

Re: Hanford Facility RCRA Permit Modification Notification Form 24590-LAW-PCN-ENV-06-005; Class 1 Modification to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant), WA7890008967

Dear Mr. Schepens and Mr. Elkins:

The Department of Ecology approves the referenced Class 1 Modification submitted by the United States Department of Energy-Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-LAW-PCN-ENV-06-005 provides the updated Plant Item Material Selection Data Sheets (24590-LAW-NID-LOP-P0001 Rev 1 and 24590-LAW-NID-LOP-P0002 Rev 1) for the Low Activity Waste (LAW) Melter 1 and Melter 2 Submerged Bed Scrubber (SBS) (LOP-SCB-00001 and LOP-SCB-00002) and LAW Melter 1 and Melter 2 SBS Condensate Vessels (LOP-VSL-00001 and LOP-VSL-00002).

If there are any questions, contact me at 509-372-7882 or Tracy Gao at 509-372-7901.

Sincerely,

Brenda Becker-Khaleel  
WTP Lead Permit Writer  
Nuclear Waste Program

MYA:jc  
Enclosure

cc: See next page



## Hanford Facility RCRA Permit Modification Notification Form

Unit:

Waste Treatment and Immobilization Plant

Permit Part &amp; Chapter:

Part III, Chapter 10 and Attachment 51

Description of Modification:

The purpose of this modification is to update the LAW Plant Item Material Selection Data Sheets (MSDSs) for LOP-SCB-00001 and LOP-SCB-00002 LAW Melter 1 and Melter 2 Submerged Bed Scrubbers (SBS) and LOP-VSL-00001 and LOP-VSL-00002 LAW Melter 1 and Melter 2 SBS Condensate Vessels currently in Appendix 9.9 in the Dangerous Waste Permit (DWP).

Changes to the MSDSs (24590-LAW-N1D-LOP-P0001 and 24590-LAW-N1D-LOP-P0002) include:

- Parsing the corrosion allowance into the corrosion and erosion elements
- Adding information on erosion as well as inadvertent nitric acid addition
- Adding references to the text, references, and bibliography sections
- Replacing the Operating Conditions sheet with the Process Corrosion Data Sheet (page 5) and description from WTP Process Corrosion Data Document (pages 6 & 7)

The specific changes are identified on the documents. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.

Please replace the following MSDSs in the DWP:

Appendix 9.9			
Replace:	24590-LAW-N1D-LOP-P0001, Rev. 0	With:	24590-LAW-N1D-LOP-P0001, Rev. 1
	24590-LAW-N1D-LOP-P0002, Rev. 0		24590-LAW-N1D-LOP-P0002, Rev. 1

WAC 173-303-830 Modification Class:<sup>1 2</sup>

Class 1

Class <sup>1</sup>1

Class 2

Class 3

Please mark the Modification Class:

X

Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A

Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A

In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."

Modification Approved: ☒ Yes ☐ No (state reason for denial)Reason for denial:

Reviewed by Ecology:

*S. Dahl* 6/22/06  
S. Dahl Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.